

[illegible]

C.A.

The nature of eutectic alloys. IV. Monocrystalline phase in binary eutectics. S. V. Avakyan, E. N. Kislovskaya, and N. F. Lashko (All-Union Inst. Aviation Materials, Moscow). *Zhur. Fiz. Khim.* 24, 1057-60(1950); cf. *ibid.* 43, 8832d. —The eutectics of Ni-Al, Bi-Sn, and Sn-Cd were studied by x-ray diffraction. Paul W. Howerton

KISLYAKOVA, Ye. N.

Increasing the sensitivity of mechanically recording dilatometers.
Zav. lab. 21 no. 2:240-241 '55 (MLRA 8:6)

1. Vsesoyuznyy nauchnyy institut promyshlennosti stroitel'nykh
materialov.
(Dilatometer)

И.И.СЛЫАКОВА, Ye.N.

KISLYAKOVA, Ye.N.; SHIRYATEVA, Ye.N.

Magnetic saturation as a method of study of steel tempering. Zav.
lav.21 no.8:960-962 '55. (MIRA 8:11)
(Tempering)

KISLYAKOVA, E. N.

18
Investigation of the Tempering of Steel by Measuring
Magnetic Saturation. E. N. Kislyakova and E. M. Shirnev.
(Zavodskaya Laboratoriya, 165, 21, (8), 960-962). [In Russian].
In the method described, carbide content changes in steel
were followed by determination of magnetic saturation at
250-300° C. This elevated temperature resulted in greater
sensitivity. Impact specimens of type 1 steel and low- and
medium-carbon alloy steels were used and curves showing
the variation with temperature in the range 250-700° C of
the difference between magnetic-saturation values measured
at room temperature and at 250° C, are given, this difference
being almost proportional to the quantity of carbide formed.
Results obtained are discussed in terms of the carbon and
alloying element contents of the steels. - s. r.

62
4E2C

PS
JR
MT

KISLYAKOVA, Ye. N. [translator]; MIRKIN, Y. L., red.; BERLIN, Ye. N., red.
izd-va; DOBUZHINSKAYA, L. V., tekhn. red.

[Investigation of heat-resistant steels and alloys] Issledovaniye
teplotoostoiichivost' i tverdnost' spetsialnykh sployav. CIA-RDP86-00513R000722830002-7
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1960. 352 p. (MIRA 13:4)
(Heat-resistant alloys--Testing) (Steel--Testing)

KISLYAKOVA, Z.G.

Some data on the effects of stomach and bladder interoception on
urine excretion. Trudy Inst. fiziol. AN BSSR 1:65-74 '56
(MLRA 10:5)

1. Laboratoriya kortiko-vistseral'noy fiziologii.
(STOMACH--INNERVATION) (BLADDER--INNERVATION)
(URINE--SECRETION)

KISLYAKOVA, Z. G.: Master Biol Sci (diss) -- "Some data on the mechanism of
interoceptive effects of the bladder on diuresis". Minsk, 1958. 13 pp (Acad
Sci Belorussian SSR, Inst of Biology), 150 copies (KL, No 1, 1959, 117)

COUNTRY : USSR
 CATEGORY : Human and Animal Physiology The Nervous System
 ABS. JOUR. : RZhEiol., No. 5 1959, No. 22403
 AUTHOR : Kislyakova, Z.
 INST. : Institute of Physiology of the Byelorussian SSR
 TITLE : The Effect of Chloral Hydrate on the Unconditioned
 Interoceptive Effects on Diuresis Originating in
 the Urinary Bladder.
 ORIG. PUB. : Tr. In-ta fiziol. AN BSSR, 1958, 2, 129--139
 ABSTRACT : Among three dogs receiving a water and milk
 load, there was noted a marked increase in urine
 formation, which was accompanied by a decrease
 in the concentration of urinary chlorides and the
 specific gravity of the urine. Stretching the
 urinary bladder caused a reduction in diuresis,
 and an occasional rise in specific gravity and
 chloride concentration. Chloral Hydrate (0.3 gm/kg)
 inhibited water diuresis and also depressed the
 unconditioned interoceptive reflex effect on
 diuresis arising in the urinary bladder.

Card: 1/1

Lab of Cortico-Visceral Physiology
 T-89

KISLYAKOVA, Z.G. [Kisliakova, Z.H.]

Some data on the mechanism of interoceptive influences from
the bladder on diuresis. Vestsi AN BSSR Ser.bial.nav. no.4:
103-111 '58. (MIRA 12:4)

(BLADDER---INNERVATION)
(DIURETICS AND DIURESIS)

(KISLYAKOVA, Z.G.

Pathways for an unconditioned interoceptive response to
micturition from the bladder. Trudy Inst.fiziol.AN BSSR
3:212-224 '59.

(MIRA 13:7)

1. Laboratoriya kortiko-vistseral'noy fiziologii Instituta
fiziologii AN BSSR.

(BLADDER--INNERVATION)

KISLYAKOVSKAYA, V.G.

KISLYAKOVSKAYA, V. G.

Gramicidin therapy of chickenpox. *Pediatrics*, Moskva No. 6,
Nov.-Dec. 50, p. 58-9

1. Of the Central Scientific-Research Pediatric Institute of the
Ministry of Public Health RSFSR (Director--Prof. S. P. Borisov).

CLML 20, 3, March 1951

KISLYAKOVSKAYA, V. G.

"Nitrogen Metabolism of Children During the First Year of Life in Relation to the Composition of the Food (From Observations in a Children's Home)." Cand Med Sci, Leningrad State Pediatrics Medical Inst, Leningrad, 1955. (KL, No 10, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions: (15)

KISLYAKOVSKAYA, V.G., kandidat meditsinskikh nauk

Nitrogen metabolism in infants during their first year of life as
affected by the composition of food. Vop.okh.mat. i det. 1 no.3:
41-46 My-Je '56. (MLRA 9:9)

1. Iz otdela fiziologii rebenka (sav. - doktor meditsinskikh nauk
N.Ye.Ozeretskoyakaya) Gosudarstvennogo nauchno-issledovatel'skogo
pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR
(dir. - kandidat meditsinskikh nauk V.N.Karachevtseva) Moskva.
(INFANTS—NUTRITION) (NITROGEN METABOLISM)

KISLYAKOVSKAYA, V.G.
RYSKINA, Ye.B., kandidat meditsinskikh nauk; KISLYAKOVSKAYA, V.G.,
kandidat meditsinskikh nauk

Comparative rating of various feeding schedules for children from
one and a half to three years old. *Pediatrics* no.7:70-73 J1 '57.
(MIRA 10:10)

1. Iz Moskovskogo nauchno-issledovatel'skogo pediatricheskogo
instituta (dir. - kandidat meditsinskikh nauk V.N.Karachevtseva)
Ministerstva zdravookhraneniya RSFSR.
(CHILDREN--NUTRITION)

KISLYAKOVSKAYA, V.G., kand.med.nauk

Artificial feeding. Zdorov'e 8 no.10:18-19 0 '62. (MIRA 15:10)
(FEEDING, ARTIFICIAL)

KISLYAKOVSKAYA, V.G., kand. med. nauk

Physiological bases of the raising of a healthy child. *Pediatrics*
42 no.6:6-11 Je'63 (MIRA 17:1)

1. Iz otdela fiziologii rebenka (zav. V.G. Kislyakovskaya)
Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo
instituta (dir. - kand. med. nauk V.P. Spirina) Ministerstva
zdravookhraneniya RSFSR.

L 6443-66 EWT(1)/EWA(h) IJP(c)

ACC NR: AP5026198

SOURCE CODE: UR/0142/65/008/004/0455/0459

AUTHOR: Kislyakovskiy, A. V.; Vuntseri, V. S.

ORG: none

TITLE: Phase relations in the interaction between a ferrite spheroid and the electromagnetic field of a waveguide

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 4, 1965, 455-459

TOPIC TAGS: ferrite, waveguide

ABSTRACT: Phase angles of the transmission and reflection coefficients of a rectangular waveguide are considered, and an experimental verification of the fundamental-mode theoretical formulas is reported. The alternating magnetization of the ferrite spheroid is represented by an equivalent oscillatory system which excites the electromagnetic field in the waveguide. A uniform precession type of magnetization and a ferrite size small in comparison with the wavelength are assumed. Experimental curves of the transmission-factor phase angle and attenuation vs. frequency are shown for a 23 x 10-mm waveguide housing a

Card 1/2

UDC: 621.372.653.2

L 6443-66

ACC NR: AP5026198

1.53-mm diameter ferrite. Knowledge of the phase relations prevailing near ferromagnetic-resonance conditions permits correct selection of the ferrite-spheroid parameters. Orig. art. has: 6 figures and 14 formulas.

SUB CODE: EQ/ SUBM DATE: 01Jun64/ ORIG REF: 005/ OTH REF: 000

beb
Card 2/2

ACCESSION NR: AR4046017

S/0058/64/000/007/H036/H036

SOURCE: Ref. zh. Fizika. Abs. 7Zh250

AUTHOR: Kislyakovskiy, A. V.

TITLE: Investigation of the main parameters and characteristics of ferrite bolometers used to measure microwave power

CITED SOURCE: Tr. Kiyevsk. politekh. in-ta, v. 45, 1963, 69-86

TOPIC TAGS: microwave research, power measurement, bolometer, ferrite, resistivity temperature coefficient

TRANSLATION: General conclusions are deduced from the experimental material on the main parameters and characteristics of ferrite bolometers used in frequency-selective waveguide power meters. The temperature characteristics of the resistance, the static voltage-current characteristics, and the dependence of the ferromagnetic resonance linewidth on the frequency, on the waveguide height, and on the power dissipated in the bolometer are considered. An estimate

Card 1/2

L 10866-65 ENT(d)/ENT(1)/EEC(k)-2/EEU-l/T/EEC(b)-2/ESD-2/EMA(h) Pn-l/Pe-l/Pq-l/
Pac-l/Pg-l/Peb/P1-l/Pj-l/Pk-l/Pl-l IJP(c)/ESD(gs)/RAEM(a)/ESD(dp)/ESD(t)/AFETR/
ASD(d)/AFWL/SSD

ACCESSION NR: AR4046559

S/0058/64/000/008/H043/H043

SOURCE: Ref. zh. Fizika, Abs. 8Zh275

AUTHOR: Kislyakovskiy, A. V. B

TITLE: Ferrite bolometers for the measurement of microwave power gm

CITED SOURCE: Tr. Kiyevsk. politekhn. in-ta, v. 45, 1963, 58-68 25

TOPIC TAGS: Ferrite, bolometer, microwave transmission, power mea-
surement 25B

TRANSLATION: The possibilities are considered of using ferrites as selective bolometers (B) for the measurement of microwave power in the broad range of measured power. The choice of the optimal shape, dimension, and material of the B is made. Particular attention is paid to the choice of the ferrites for the B in the equipment for the measurement of the transmitted power. The technology

Card 1/2

L 10866-65

ACCESSION NR: AR4046559

0
of the manufacture of the B is examined. The circuit and a photograph of the apparatus for the final grinding and polishing of ferrite spheres is presented. Results are presented of the determination of the scatter in the parameters of the B during production, and the results of artificial aging of the B in order to ascertain the stability of their parameters in time under conditions close to operating conditions. It is stated that the main parameters of the B remain practically unchanged after artificial aging. A. M.

SUB CODE: EC, EE

ENCL: 00

Card 2/2

KISLYANSKIY, I.S., svarshchik.

Pipe marker. Rats. i izobr. predl. v stroi. no. 92:7-10 '54.
(Pipe, Steel) (Marking devices) (MLRA 8:6)

L 12243-63

EWI(d)/BDS/EEC-2/EEB-2

5/271/53/000/004/027/045

AEBC/AFBTC/ASD/AFMDC/ESD-3/AFMTC/AFPC/SSD

Pn-4/Pq-4

AUTHOR: Kislyakovskiy, K. A.

TITLE: A code-pulse³ telemetric³ pickup

PERIODICAL: Referativnyy zhurnal, Avtomatika, telemekhanika i vychislitel'naya tekhnika, no. 4, 1963, 66, abstract 4A402 (Izvestiye neft. i gaz. tekhn. Neft. oborud. i sredstva avtomatiz.; 1962, no. 7, 27)

TEXT: The pickup is in the form of a converter of angular displacements, with noncontact removal. The code disk of nonmagnetic material with a field of code combinations of magnetic material, is rotated in the clearances of toroidal transformers. Alteration of the magnetic resistances of the toroid with use of a semiconductor circuit is converted into pulse code. K. N.

[Abstracter's note: Complete abstract]

bm/ac
Card 1/1

ARKHANGEL'SKIY, A. S., (Eng.), VASYAKIN, A. S. (Mining Eng.) KISLYAR, YE. O. (Mining
El. Eng.)

Potash Industry and Trade - Solikamsk

Mechanized mining work at the Solikamsk potash mine. Mekh. trud. rab. 6 no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195~~8~~⁶, Uncl.
2

KISLYATSKIKH, K.; PCPOV, V.

Fumigation of pea seeds. Zashch. rast. ot vred. i bol. 9
no.2:29 '64. (MIRA 17:6)

1. Glavnyy agronom Karantinnoy inspeksii Yuzhno-Kazakhstanskogo kraya (for Kislyatskikh). 2. Starshiy agronom-fumigator Karantinnoy inspeksii Yuzhno-Kazakhstanskogo kraya (for Popov).

VIATKIN, I.I., inzh.; RYSEV, G.S., inzh.; KISLYKH, A.S., inzh.;
PLEKHANOV, G.V., inzh.

Industrial testing of PP-1 mining unit. Gor.zhur. no.2:27-30
F.163. (MIRA 16:2)

1. Nauchno-issledovatel'skiy i proyektno-konstruktorakiy institut
Gornogo i obogatitel'nogo oborudovaniya, Sverdlovsk (for Vyatkin,
Rysev, Kislykh). 2. Vysokogorskoye rudoupravleniye, Nizhniy Tagil
(for Plekhanov).

(Mining machinery—Testing)

KISLYKH, V. I.

KISLYKH, V.I.; SHISHAKOV, N.V.

Gasification of carbon with steam in the presence of catalysts.
Gaz.prom. no.10:7-11 O '57. (MIRA 10:10)
(Coal gasification)

MISLYKH, V. I.

[illegible]

KISLYER, V.I., Cand Tech Sci — (diss) "Effect of certain
catalyzers ^{upon} ~~the~~ the process of ^{with water vapor} gasification of carbon ~~vap.~~"
Mos, 1959. 15 pp (Acad Sci USSR. Inst of Combustible Minerals).
150 copies (KL, 38-59, 116)

38

KISLYKH, V.I.; SHISHAKOV, N.V.

Catalytic effect on the process of gasification in a fluidized
bed. Gaz.prom. 5 no.8:15-19 Ag '60. (MIRA 13:10)
(Coal gasification) (Catalysis)

KISLYKH, V.I.; SHISHAKOV, N.V.

Use of catalysts in the gasification of fine-grained fuel in a
fluidized bed. Trudy IQI 16:171-179 '61. (MIRA 16:7)
(Coal gasification) (Fluidization) (Catalysts)

KISLYKH, V.I.

Distribution of the solid phase along the height of a fluidized
bed. Inzh.-fiz. zhur. no. 0:94-97 0 '64.

(MIRA 17:11)

1. Institut teplofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

KISLYKH, V.I.

Distribution of the fluctuation probabilities of the number of the
solid phase particles in a fluidized bed. Khim.prom. 41 no.6:446-
448 Je '65. (MIRA 18:8)

KISLYUK, A. G.		116	
<p>Blood and urine changes during osteomyelitis following gunshot wounds. V. D. Yankovskii, A. G. Kislyuk, and V. N. Sutochkin. <i>Khirurgiya</i> 15, No. 1, 18-21 (1945).-- While the total blood protein remained const., the albumin content rose from 40 to 68% of the total, the globulin fell from 43 to 28%, and the fibrinogen from 0 to 4%. The albumin:globulin ratio rose from 1 to 2 during the development of the osteomyelitis, and the blood cholesterol rose from 81 to 145 mg-%. The urinary excretion of Ca fell 50% and P 7%. It was indicated that Ca and P therapy would be of value during the later stages of the disease. H. L. Williams</p>			
<p>ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>RECORD NUMBER</p>			
<p>RECORD DATE</p>			
<p>RECORD TIME</p>			
<p>RECORD PLACE</p>			
<p>RECORD METHOD</p>			
<p>RECORD TYPE</p>			
<p>RECORD SOURCE</p>			
<p>RECORD STATUS</p>			
<p>RECORD ACTION</p>			
<p>RECORD COMMENT</p>			

KISLYUK, A.G.

GENADINNIK, I.S. (Chelyabinsk); KISLYUK, A.G. (Chelyabinsk)

Diagnostic significance of pneumoarthrography in injuries of the
knee joint and its complications. Vest. rent. 1 rad.

32 no.1:37-40 supplement '57

(MLRA 10:5)

(KNEE, wounds and inj.

diag., pneumoarthrography)

1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									
PROCESSES AND PROPERTIES INDEX																			
<div style="position: absolute; top: 10px; left: 10px; font-size: 2em; font-weight: bold;">M</div> <div style="position: absolute; top: 10px; right: 10px; font-size: 1.5em; font-weight: bold;">23</div> <div style="position: absolute; top: 30%; left: 20%; text-align: center;"> <p>Kimijoh, F. I. <i>Die Auswahl der Art des elektrischen Stromes für die Heizungsanweisung.</i> [In Russian.] Pp. 123. 1935. Moscow and Leningrad: ONTI. (Rbl. 3.50.)</p> </div>																			
ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION										C-277777-277777									
(277777) ONE ONE ONE ONE										(277777) ONE ONE ONE ONE									

1ST AND 2ND COPIES

PROCESSES AND PROPERTIES INDEX

20

M

"The Theory of Electric Resistance Welding. F. I. Kisiljuk (*Artyg. Delo (Autogenous Practice)*, 1937, 8, (8), 15-21; *Chem. Zvest.*, 1938, 100, (II), 1479).—[In Russian.] The constant α of the Holm and Schaechlin formula has been determined for aluminum, Duralumin, and stainless steel. The values obtained are 0.75, 0.68-0.82 (depending on the thickness of the sheet), and 0.64-0.68, respectively.—D. R. S.

COMMON ELEMENTS

COMMON VARIABLES INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

13000 13100 13200 13300 13400 13500 13600 13700 13800 13900 14000 14100 14200 14300 14400 14500 14600 14700 14800 14900 15000 15100 15200 15300 15400 15500 15600 15700 15800 15900 16000 16100 16200 16300 16400 16500 16600 16700 16800 16900 17000 17100 17200 17300 17400 17500 17600 17700 17800 17900 18000 18100 18200 18300 18400 18500 18600 18700 18800 18900 19000 19100 19200 19300 19400 19500 19600 19700 19800 19900 20000 20100 20200 20300 20400 20500 20600 20700 20800 20900 21000 21100 21200 21300 21400 21500 21600 21700 21800 21900 22000 22100 22200 22300 22400 22500 22600 22700 22800 22900 23000 23100 23200 23300 23400 23500 23600 23700 23800 23900 24000 24100 24200 24300 24400 24500 24600 24700 24800 24900 25000 25100 25200 25300 25400 25500 25600 25700 25800 25900 26000 26100 26200 26300 26400 26500 26600 26700 26800 26900 27000 27100 27200 27300 27400 27500 27600 27700 27800 27900 28000 28100 28200 28300 28400 28500 28600 28700 28800 28900 29000 29100 29200 29300 29400 29500 29600 29700 29800 29900 30000 30100 30200 30300 30400 30500 30600 30700 30800 30900 31000 31100 31200 31300 31400 31500 31600 31700 31800 31900 32000 32100 32200 32300 32400 32500 32600 32700 32800 32900 33000 33100 33200 33300 33400 33500 33600 33700 33800 33900 34000 34100 34200 34300 34400 34500 34600 34700 34800 34900 35000 35100 35200 35300 35400 35500 35600 35700 35800 35900 36000 36100 36200 36300 36400 36500 36600 36700 36800 36900 37000 37100 37200 37300 37400 37500 37600 37700 37800 37900 38000 38100 38200 38300 38400 38500 38600 38700 38800 38900 39000 39100 39200 39300 39400 39500 39600 39700 39800 39900 40000 40100 40200 40300 40400 40500 40600 40700 40800 40900 41000 41100 41200 41300 41400 41500 41600 41700 41800 41900 42000 42100 42200 42300 42400 42500 42600 42700 42800 42900 43000 43100 43200 43300 43400 43500 43600 43700 43800 43900 44000 44100 44200 44300 44400 44500 44600 44700 44800 44900 45000 45100 45200 45300 45400 45500 45600 45700 45800 45900 46000 46100 46200 46300 46400 46500 46600 46700 46800 46900 47000 47100 47200 47300 47400 47500 47600 47700 47800 47900 48000 48100 48200 48300 48400 48500 48600 48700 48800 48900 49000 49100 49200 49300 49400 49500 49600 49700 49800 49900 50000 50100 50200 50300 50400 50500 50600 50700 50800 50900 51000 51100 51200 51300 51400 51500 51600 51700 51800 51900 52000 52100 52200 52300 52400 52500 52600 52700 52800 52900 53000 53100 53200 53300 53400 53500 53600 53700 53800 53900 54000 54100 54200 54300 54400 54500 54600 54700 54800 54900 55000 55100 55200 55300 55400 55500 55600 55700 55800 55900 56000 56100 56200 56300 56400 56500 56600 56700 56800 56900 57000 57100 57200 57300 57400 57500 57600 57700 57800 57900 58000 58100 58200 58300 58400 58500 58600 58700 58800 58900 59000 59100 59200 59300 59400 59500 59600 59700 59800 59900 60000 60100 60200 60300 60400 60500 60600 60700 60800 60900 61000 61100 61200 61300 61400 61500 61600 61700 61800 61900 62000 62100 62200 62300 62400 62500 62600 62700 62800 62900 63000 63100 63200 63300 63400 63500 63600 63700 63800 63900 64000 64100 64200 64300 64400 64500 64600 64700 64800 64900 65000 65100 65200 65300 65400 65500 65600 65700 65800 65900 66000 66100 66200 66300 66400 66500 66600 66700 66800 66900 67000 67100 67200 67300 67400 67500 67600 67700 67800 67900 68000 68100 68200 68300 68400 68500 68600 68700 68800 68900 69000 69100 69200 69300 69400 69500 69600 69700 69800 69900 70000 70100 70200 70300 70400 70500 70600 70700 70800 70900 71000 71100 71200 71300 71400 71500 71600 71700 71800 71900 72000 72100 72200 72300 72400 72500 72600 72700 72800 72900 73000 73100 73200 73300 73400 73500 73600 73700 73800 73900 74000 74100 74200 74300 74400 74500 74600 74700 74800 74900 75000 75100 75200 75300 75400 75500 75600 75700 75800 75900 76000 76100 76200 76300 76400 76500 76600 76700 76800 76900 77000 77100 77200 77300 77400 77500 77600 77700 77800 77900 78000 78100 78200 78300 78400 78500 78600 78700 78800 78900 79000 79100 79200 79300 79400 79500 79600 79700 79800 79900 80000 80100 80200 80300 80400 80500 80600 80700 80800 80900 81000 81100 81200 81300 81400 81500 81600 81700 81800 81900 82000 82100 82200 82300 82400 82500 82600 82700 82800 82900 83000 83100 83200 83300 83400 83500 83600 83700 83800 83900 84000 84100 84200 84300 84400 84500 84600 84700 84800 84900 85000 85100 85200 85300 85400 85500 85600 85700 85800 85900 86000 86100 86200 86300 86400 86500 86600 86700 86800 86900 87000 87100 87200 87300 87400 87500 87600 87700 87800 87900 88000 88100 88200 88300 88400 88500 88600 88700 88800 88900 89000 89100 89200 89300 89400 89500 89600 89700 89800 89900 90000 90100 90200 90300 90400 90500 90600 90700 90800 90900 91000 91100 91200 91300 91400 91500 91600 91700 91800 91900 92000 92100 92200 92300 92400 92500 92600 92700 92800 92900 93000 93100 93200 93300 93400 93500 93600 93700 93800 93900 94000 94100 94200 94300 94400 94500 94600 94700 94800 94900 95000 95100 95200 95300 95400 95500 95600 95700 95800 95900 96000 96100 96200 96300 96400 96500 96600 96700 96800 96900 97000 97100 97200 97300 97400 97500 97600 97700 97800 97900 98000 98100 98200 98300 98400 98500 98600 98700 98800 98900 99000 99100 99200 99300 99400 99500 99600 99700 99800 99900 100000 100100 100200 100300 100400 100500 100600 100700 100800 100900 101000 101100 101200 101300 101400 101500 101600 101700 101800 101900 102000 102100 102200 102300 102400 102500 102600 102700 102800 102900 103000 103100 103200 103300 103400 103500 103600 103700 103800 103900 104000 104100 104200 104300 104400 104500 104600 104700 104800 104900 105000 105100 105200 105300 105400 105500 105600 105700 105800 105900 106000 106100 106200 106300 106400 106500 106600 106700 106800 106900 107000 107100 107200 107300 107400 107500 107600 107700 107800 107900 108000 108100 108200 108300 108400 108500 108600 108700 108800 108900 109000 109100 109200 109300 109400 109500 109600 109700 109800 109900 110000 110100 110200 110300 110400 110500 110600 110700 110800 110900 111000 111100 111200 111300 111400 111500 111600 111700 111800 111900 112000 112100 112200 112300 112400 112500 112600 112700 112800 112900 113000 113100 113200 113300 113400 113500 113600 113700 113800 113900 114000 114100 114200 114300 114400 114500 114600 114700 114800 114900 115000 115100 115200 115300 115400 115500 115600 115700 115800 115900 116000 116100 116200 116300 116400 116500 116600 116700 116800 116900 117000 117100 117200 117300 117400 117500 117600 117700 117800 117900 118000 118100 118200 118300 118400 118500 118600 118700 118800 118900 119000 119100 119200 119300 119400 119500 119600 119700 119800 119900 120000 120100 120200 120300 120400 120500 120600 120700 120800 120900 121000 121100 121200 121300 121400 121500 121600 121700 121800 121900 122000 122100 122200 122300 122400 122500 122600 122700 122800 122900 123000 123100 123200 123300 123400 123500 123600 123700 123800 123900 124000 124100 124200 124300 124400 124500 124600 124700 124800 124900 125000 125100 125200 125300 125400 125500 125600 125700 125800 125900 126000 126100 126200 126300 126400 126500 126600 126700 126800 126900 127000 127100 127200 127300 127400 127500 127600 127700 127800 127900 128000 128100 128200 128300 128400 128500 128600 128700 128800 128900 129000 129100 129200 129300 129400 129500 129600 129700 129800 129900 130000 130100 130200 130300 130400 130500 130600 130700 130800 130900 131000 131100 131200 131300 131400 131500 131600 131700 131800 131900 132000 132100 132200 132300 132400 132500 132600 132700 132800 132900 133000 133100 133200 133300 133400 133500 133600 133700 133800 133900 134000 134100 134200 134300 134400 134500 134600 134700 134800 134900 135000 135100 135200 135300 135400 135500 135600 135700 135800 135900 136000 136100 136200 136300 136400 136500 136600 136700 136800 136900 137000 137100 137200 137300 137400 137500 137600 137700 137800 137900 138000 138100 138200 138300 138400 138500 138600 138700 138800 138900 139000 139100 139200 139300 139400 139500 139600 139700 139800 139900 140000 140100 140200 140300 140400 140500 140600 140700 140800 140900 141000 141100 141200 141300 141400 141500 141600 141700 141800 141900 142000 142100 142200 142300 142400 142500 142600 142700 142800 142900 143000 143100 143200 143300 143400 143500 143600 143700 143800 143900 144000 144100 144200 144300 144400 144500 144600 144700 144800 144900 145000 145100 145200 145300 145400 145500 145600 145700 145800 145900 146000 146100 146200 146300 146400 146500 146600 146700 146800 146900 147000 147100 147200 147300 147400 147500 147600 147700 147800 147900 148000 148100 148200 148300 148400 148500 148600 148700 148800 148900 149000 149100 149200 149300 149400 149500 149600 149700 149800 149900 150000 150100 150200 150300 150400 150500 150600 150700 150800 150900 151000 151100 151200 151300 151400 151500 151600 151700 151800 151900 152000 152100 152200 152300 152400 152500 152600 152700 152800 152900 153000 153100 153200 153300 153400 153500 153600 153700 153800 153900 154000 154100 154200 154300 154400 154500 154600 154700 154800 154900 155000 155100 155200 155300 155400 155500 155600 155700 155800 155900 156000 156100 156200 156300 156400 156500 156600 156700 156800 156900 157000 157100 157200 157300 157400 157500 157600 157700 157800 157900 158000 158100 158200 158300 158400 158500 158600 158700 158800 158900 159000 159100 159200 159300 159400 159500 159600 159700 159800 159900 160000 160100 160200 160300 160400 160500 160600 160700 160800 160900 161000 161100 161200 161300 161400 161500 161600 161700 161800 161900 162000 162100 162200 162300 162400 162500 162600 162700 162800 162900 163000 163100 163200 163300 163400 163500 163600 163700 163800 163900 164000 164100 164200 164300 164400 164500 164600 164700 164800 164900 165000 165100 165200 165300 165400 165500 165600 165700 165800 165900 166000 166100 166200 166300 166400 166500 166600 166700 166800 166900 167000 167100 167200 167300 167400 167500 167600 167700 167800 167900 168000 168100 168200 168300 168400 168500 168600 168700 168800 168900 169000 169100 169200 169300 169400 169500 169600 169700 169800 169900 170000 170100 170200 170300 170400 170500 170600 170700 170800 170900 171000 171100 171200 171300 171400 171500 171600 171700 171800 171900 172000 172100 172200 172300 172400 172500 172600 172700 172800 172900 173000 173100 173200 173300 173400 173500 173600 173700 173800 173900 174000 174100 174200 174300 174400 174500 174600 174700 174800 174900 175000 175100 175200 175300 175400 175500 175600 175700 175800 175900 176000 176100 176200 176300 176400 176500 176600 176700 176800 176900 177000 177100 177200 177300 177400 177500 177600 177700 177800 177900 178000 178100 178200 178300 178400 178500 178600 178700 178800 178900 179000 179100 179200 179300 179400 179500 179600 179700 179800 179900 180000 180100 180200 180300 180400 180500 180600 180700 180800 180900 181000 181100 181200 181300 181400 181500 181600 181700 181800 181900 182000 182100 182200 182300 182400 182500 182600 182700 182800 182900 183000 183100 183200 183300 183400 183500 183600 183700 183800 183900 184000 184100 184200 184300 184400 184500 184600 184700 184800 184900 185000 185100 185200 185300 185400 185500 185600 185700 185800 185900 186000 186100 186200 186300 186400 186500 186600 186700 186800 186900 187000 187100 187200 187300 187400 187500 187600 187700 187800 187900 188000 188100 188200 188300 188400 188500 188600 188700 188800 188900 189000 189100 189200 189300 189400 189500 189600 189700 189800 189900 190000 190100 190200 190300 190400 190500 190600 190700 190800 190900 191000 191100 191200 191300 191400 191500 191600 191700 191800 191900 192000 192100 192200 192300 192400 192500 192600 192700 192800 192900 193000 193100 193200 193300 193400 193500 193600 193700 193800 193900 194000 194100 194200 194300 194400 194500 194600 194700 194800 194900 195000 195100 195200 195300 195400 195500 195600 195700 195800 195900 196000 196100 196200 196300 196400 196500 196600 1

11. AND 2ND ORDER

PROCESSES AND PROPERTIES INDEX

S

Beam Welding Machine for Welding Stainless and Heat-Resisting Steels and Alloys. F. I. Kishuk and E. M. Fokin. (Vysokomoe Delye, 1919, No. 5, pp. 27-30) (In Russian). A description is given of a 75-kVA. machine satisfactorily used for making longitudinal and transverse joints in stainless and heat-resisting steels and alloys in the thickness of up to 1.5 mm. -- S. K.

14

COMMON SUBJECTS INDEX

ASME-SLA METALLURGICAL LITERATURE CLASSIFICATION

1900-1919

1920-1929

1930-1939

1940-1949

1950-1959

1960-1969

1970-1979

1980-1989

1990-1999

2000-2009

2010-2019

2020-2029

2030-2039

2040-2049

2050-2059

2060-2069

2070-2079

2080-2089

2090-2099

2100-2109

2110-2119

2120-2129

2130-2139

2140-2149

2150-2159

2160-2169

2170-2179

2180-2189

2190-2199

2200-2209

2210-2219

2220-2229

2230-2239

2240-2249

2250-2259

2260-2269

2270-2279

2280-2289

2290-2299

2300-2309

2310-2319

2320-2329

2330-2339

2340-2349

2350-2359

2360-2369

2370-2379

2380-2389

2390-2399

2400-2409

2410-2419

2420-2429

2430-2439

2440-2449

2450-2459

2460-2469

2470-2479

2480-2489

2490-2499

2500-2509

2510-2519

2520-2529

2530-2539

2540-2549

2550-2559

2560-2569

2570-2579

2580-2589

2590-2599

2600-2609

2610-2619

2620-2629

2630-2639

2640-2649

2650-2659

2660-2669

2670-2679

2680-2689

2690-2699

2700-2709

2710-2719

2720-2729

2730-2739

2740-2749

2750-2759

2760-2769

2770-2779

2780-2789

2790-2799

2800-2809

2810-2819

2820-2829

2830-2839

2840-2849

2850-2859

2860-2869

2870-2879

2880-2889

2890-2899

2900-2909

2910-2919

2920-2929

2930-2939

2940-2949

2950-2959

2960-2969

2970-2979

2980-2989

2990-2999

3000-3009

3010-3019

3020-3029

3030-3039

3040-3049

3050-3059

3060-3069

3070-3079

3080-3089

3090-3099

3100-3109

3110-3119

3120-3129

3130-3139

3140-3149

3150-3159

3160-3169

3170-3179

3180-3189

3190-3199

3200-3209

3210-3219

3220-3229

3230-3239

3240-3249

3250-3259

3260-3269

3270-3279

3280-3289

3290-3299

3300-3309

3310-3319

3320-3329

3330-3339

3340-3349

3350-3359

3360-3369

3370-3379

3380-3389

3390-3399

3400-3409

3410-3419

3420-3429

3430-3439

3440-3449

3450-3459

3460-3469

3470-3479

3480-3489

3490-3499

3500-3509

3510-3519

3520-3529

3530-3539

3540-3549

3550-3559

3560-3569

3570-3579

3580-3589

3590-3599

3600-3609

3610-3619

3620-3629

3630-3639

3640-3649

3650-3659

3660-3669

3670-3679

3680-3689

3690-3699

3700-3709

3710-3719

3720-3729

3730-3739

3740-3749

3750-3759

3760-3769

3770-3779

3780-3789

3790-3799

3800-3809

3810-3819

3820-3829

3830-3839

3840-3849

3850-3859

3860-3869

3870-3879

3880-3889

3890-3899

3900-3909

3910-3919

3920-3929

3930-3939

3940-3949

3950-3959

3960-3969

3970-3979

3980-3989

3990-3999

4000-4009

4010-4019

4020-4029

4030-4039

4040-4049

4050-4059

4060-4069

4070-4079

4080-4089

4090-4099

4100-4109

4110-4119

4120-4129

4130-4139

4140-4149

4150-4159

4160-4169

4170-4179

4180-4189

4190-4199

4200-4209

4210-4219

4220-4229

4230-4239

4240-4249

4250-4259

4260-4269

4270-4279

4280-4289

4290-4299

4300-4309

4310-4319

4320-4329

4330-4339

4340-4349

4350-4359

4360-4369

4370-4379

4380-4389

4390-4399

4400-4409

4410-4419

4420-4429

4430-4439

4440-4449

4450-4459

4460-4469

4470-4479

4480-4489

4490-4499

4500-4509

4510-4519

4520-4529

4530-4539

4540-4549

4550-4559

4560-4569

4570-4579

4580-4589

4590-4599

4600-4609

4610-4619

4620-4629

4630-4639

4640-4649

4650-4659

4660-4669

4670-4679

4680-4689

4690-4699

4700-4709

4710-4719

4720-4729

4730-4739

4740-4749

4750-4759

4760-4769

4770-4779

4780-4789

4790-4799

4800-4809

4810-4819

4820-4829

4830-4839

4840-4849

4850-4859

4860-4869

4870-4879

4880-4889

4890-4899

4900-4909

4910-4919

4920-4929

4930-4939

4940-4949

4950-4959

4960-4969

4970-4979

4980-4989

4990-4999

5000-5009

5010-5019

5020-5029

5030-5039

5040-5049

5050-5059

5060-5069

5070-5079

5080-5089

5090-5099

5100-5109

5110-5119

5120-5129

5130-5139

5140-5149

5150-5159

5160-5169

5170-5179

5180-5189

5190-5199

5200-5209

5210-5219

5220-5229

5230-5239

5240-5249

5250-5259

5260-5269

5270-5279

5280-5289

5290-5299

5300-5309

5310-5319

5320-5329

5330-5339

5340-5349

5350-5359

5360-5369

5370-5379

5380-5389

5390-5399

5400-5409

5410-5419

5420-5429

5430-5439

5440-5449

5450-5459

5460-5469

5470-5479

5480-5489

5490-5499

5500-5509

5510-5519

5520-5529

5530-5539

5540-5549

5550-5559

5560-5569

5570-5579

5580-5589

5590-5599

5600-5609

5610-5619

5620-5629

5630-5639

5640-5649

5650-5659

5660-5669

5670-5679

5680-5689

5690-5699

5700-5709

5710-5719

5720-5729

5730-5739

5740-5749

5750-5759

5760-5769

5770-5779

5780-5789

5790-5799

5800-5809

5810-5819

5820-5829

5830-5839

5840-5849

5850-5859

5860-5869

5870-5879

5880-5889

5890-5899

5900-5909

5910-5919

5920-5929

5930-5939

5940-5949

5950-5959

5960-5969

5970-5979

5980-5989

5990-5999

6000-6009

6010-6019

6020-6029

6030-6039

6040-6049

6050-6059

6060-6069

6070-6079

6080-6089

6090-6099

6100-6109

6110-6119

6120-6129

6130-6139

6140-6149

6150-6159

6160-6169

6170-6179

6180-6189

6190-6199

6200-6209

6210-6219

6220-6229

6230-6239

6240-6249

6250-6259

6260-6269

6270-6279

6280-6289

6290-6299

6300-6309

6310-6319

6320-6329

6330-6339

6340-6349

6350-6359

6360-6369

6370-6379

6380-6389

6390-6399

6400-6409

6410-6419

6420-6429

6430-6439

6440-6449

6450-6459

6460-6469

6470-6479

6480-6489

6490-6499

6500-6509

6510-6519

6520-6529

6530-6539

6540-6549

6550-6559

6560-6569

6570-6579

6580-6589

6590-6599

6600-6609

6610-6619

6620-6629

6630-6639

6640-6649

6650-6659

6660-6669

6670-6679

6680-6689

6690-6699

6700-6709

6710-6719

6720-6729

6730-6739

6740-6749

6750-6759

6760-6769

6770-6779

6780-6789

6790-6799

6800-6809

6810-6819

6820-6829

6830-6839

6840-6849

6850-6859

6860-6869

6870-6879

6880-6889

6890-6899

6900-6909

6910-6919

6920-6929

6930-6939

6940-6949

6950-6959

6960-6969

6970-6979

6980-6989

6990-6999

7000-7009

7010-7019

7020-7029

7030-7039

7040-7049

7050-7059

7060-7069

7070-7079

7080-7089

7090-7099

7100-7109

7110-7119

7120-7129

7130-7139

7140-7149

7150-7159

7160-7169

7170-7179

7180-7189

7190-7199

7200-7209

7210-7219

7220-7229

7230-7239

7240-7249

7250-7259

7260-7269

7270-7279

7280-7289

7290-7299

7300-7309

7310-7319

7320-7329

7330-7339

7340-7349

7350-7359

7360-7369

7370-7379

7380-7389

7390-7399

7400-7409

7410-7419

7420-7429

7430-7439

7440-7449

7450-7459

7460-7469

7470-7479

7480-7489

7490-7499

7500-7509

7510-7519

7520-7529

7530-7539

7540-7549

7550-7559

7560-7569

7570-7579

7580-7589

7590-7599

7600-7609

7610-7619

7620-7629

7630-7639

7640-7649

7650-7659

7660-7669

7670-7679

7680-7689

7690-7699

7700-7709

7710-7719

7720-7729

7730-7739

7740-7749

7750-7759

7760-7769

7770-7779

7780-7789

7790-7799

7800-7809

7810-7819

7820-7829

7830-7839

7840-7849

7850-7859

7860-7869

7870-7879

7880-7889

7890-7899

7900-7909

7910-7919

7920-7929

7930-7939

7940-7949

7950-7959

7960-7969

7970-7979

7980-7989

7990-7999

8000-8009

8010-8019

8020-8029

8030-8039

8040-8049

8050-8059

8060-8069

8070-8079

8080-8089

8090-8099

8100-8109

8110-8119

8120-8129

8130-8139

8140-8149

8150-8159

8160-8169

8170-8179

8180-8189

8190-8199

8200-8209

8210-8219

8220-8229

8230-8239

8240-8249

8250-8259

8260-8269

8270-8279

8280-8289

8290-8299

8300-8309

8310-8319

8320-8329

8330-8339

8340-8349

8350-8359

8360-8369

8370-8379

8380-8389

8390-8399

8400-8409

8410-8419

8420-8429

8430-8439

8440-8449

8450-8459

8460-8469

8470-8479

8480-8489

8490-8499

8500-8509

8510-8519

8520-8529

8530-8539

8540-8549

8550-8559

8560-8569

8570-8579

8580-8589

8590-8599

8600-8609

8610-8619

8620-8629

8630-8639

8640-8649

8650-8659

8660-8669

8670-8679

8680-8689

8690-8699

8700-8709

8710-8719

8720-8729

8730-8739

8740-8749

8750-8759

8760-8769

8770-8779

8780-8789

8790-8799

8800-8809

8810-8819

8820-8829

8830-8839

8840-8849

8850-8859

8860-8869

8870-8879

8880-8889

8890-8899

8900-8909

8910-8919

8920-8929

8930-8939

8940-8949

8950-8959

8960-8969

8970-8979

8980-8989

8990-8999

9000-9009

9010-9019

9020-9029

9030-9039

9040-9049

9050-9059

9060-9069

9070-9079

9080-9089

9090-9099

9100-9109

9110-9119

9120-9129

9130-9139

9140-9149

9150-9159

9160-9169

9170-9179

9180-9189

9190-9199

9200-9209

9210-9219

9220-9229

9230-9239

9240-9249

9250-9259

9260-9269

9270-9279

9280-9289

9290-9299

9300-9309

9310-9319

9320-9329

9330-9339

9340-9349

9350-9359

9360-9369

9370-9379

9380-9389

9390-9399

9400-9409

9410-9419

9420-9429

9430-9439

9440-9449

9450-9459

9460-9469

9470-9479

9480-9489

9490-9499

9500-9509

9510-9519

9520-9529

9530-9539

9540-9549

9550-9559

9560-9569

9570-9579

9580-9589

9590-9599

9600-9609

9610-9619

9620-9629

9630-9639

9640-9649

9650-9659

9660-9669

9670-9679

9680-9689

9690-9699

9700-9709

9710-9719

9720-9729

9730-9739

9740-9749

9750-9759

9760-9769

9770-9779

9780-9789

9790-9799

9800-9809

9810-9819

9820-9829

9830-9839

9840-9849

9850-9859

9860-9869

9870-9879

9880-9889

9890-9899

9900-9909

9910-9919

9920-9929

9930

KISLJUK, F. I.

Elektricheskaia kontaktnaia svarka. Moskva, Oborongiz, 1950. 348 p.

Electric point welding.

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

KISLYUK, F. I.

N/5
662.337
.K6

Elektricheskaya kontaktnaya svarka (Electrical point welding)
Moskva, Oborongiz, 1950.

395 p. illus., diags., tables.

"Literatura i Istochniki": p. 388-(390)

KISL^YUK, F. I. and S. F. FILIPPOVA.

Tochechnaia i rolikovaia svarka zharoupornykh stalei i splavov. (Vestn. Mash., 1950, no. 6, p. 41-45)

Spot and roll welding of heat-resisting steels and alloys.

DLC: TN4.V4

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

KISLYUK, F.I., doktor tekhnicheskikh nauk; MAZEL', A.T., kandidat tekhnicheskikh nauk; FAL'KEVICH, A.S., inzhener; ANUCHKIN, M.S., kandidat tekhnicheskikh nauk; LIVSHITS, L.S., kandidat tekhnicheskikh nauk; NEYFEL'D, I.Ye., inzhener; BAKHRAKH, L.P., inzhener; POLYAKOVA, P.B., inzhener.

Welding with electrode cluster. Section of the All-Union Scientific Engineering Technological Association of Welders in the All-Union Scientific Research Institute for Petroleum Industry Construction. Avtog. delo 24 no.6:30 Je '53.

(MLRA 6:5)

(Electric welding)

NE LYUR F.I.

FAL'KEVICH, A.S., kandidat tekhnicheskikh nauk; KISLYUK, F.I., doktor tekhnicheskikh nauk; USHENKO, Yu.V.; LUBOV, V.M.

Magnetographic quality control method of welded structures. Svar. proizv. no.7:10-12 JI '55. (MIRA 8:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Stroyneft'. (Welding--Testing) (Magnetic testing)

KISLYUK, F.I.

✓ 14526* Investigation of the Butt-Welding of Tubing Made
From Steels 12X5MA and 1X19H9T. *Issledovaniya otykroval
svarki trub iz stali 12X5MA i 1X19H9T. (Russian.) F. I. Kislyuk.
Kisluk. Svarochnoe Proizvodstvo, 1955, no. 8, Aug., p. 20-21.*
Welding conditions recommended for heat-treated and non-
heat-treated joints, and resulting mechanical properties and cor-
rosion resistance. Tables, graphs, photographs.

DF 224

Kislyuk N. I.

Subject : USSR/Engineering AID P - 3974
Card 1/1 Pub. 78 - 19/27
Author : Kislyuk, F. I.
Title : Electrical contact butt-welding in the construction of pipelines.
Periodical : Neft. khoz., v. 33, #12, 77-84, D 1955
Abstract : The author emphasizes the great advantages in applying contact butt-welding in the construction of pipelines and describes some of the equipment used at present. He advocates this method for principal and secondary lines, and appeals for the improvement of the welding apparatus and more even standard finishings of pipes supplied for this kind of construction. Diagrams, 4 references, 1950-1955.
Institution : All-Union Scientific Research Institute for Building of Petroleum Enterprises (UNIISTroyNef't').
Submitted : No date

KISLYUK, P.I., doktor tekhnicheskikh nauk.

Investigating spot and roll welding of cast iron sheets. Trudy
VNI Stroinefti no.4:63-78 '56. (MLRA 10:1)
(Sheet iron--Welding)

KISLYUK, F.I., doktor tekhnicheskikh nauk.

The use of resistance butt welding in petroleum engineering. Trudy
VNIISTROINEFT' no.7:65-74 '56. (MLBA 9:11)
(Electric welding)
(Petroleum--Pipelines)

Kislyuk, F.I.

137-58-2-4342

Translation from: Referativnyy zhurnal, Metalurgiya, 1958, Nr 2, p 293 (USSR)

AUTHORS: Fal'kevich, A.S., Kislyuk, F.I., Lubov, V.M., Usenko, Yu.V.

TITLE: Development and Investigation of the Magnetograph Method of Quality Control of Welded Joints (Razrabotka i issledovaniye magnitograficheskogo metoda kontrolya kachestva svarnykh soyedineniy)

PERIODICAL: Tr. Vses. n.-i. in-ta po str-vu. 1956, Nr 7, pp 75-85

ABSTRACT: Bibliographic entry

1. ~~Welded joints~~—Quality control

Card 1/1

KISLYUK, F.I., doktor tekhnicheskikh nauk.

The study of resistance butt welding of pipes made of 12Kh5MA
chromium-molybdenum steel and 1 Kh18N9T chromium-nickel steel.
Trudy VNIISTROINIFT' no.7:126-141 '56. (MLRA 9:11)
(Pipe, Steel--Welding)
(Iron-chromium-molybdenum alloys)
(Iron-chromium-nickel alloys)

KISLYUK, F.I., doktor tekhnicheskikh nauk.

Using high-frequency currents to solder T-shaped steel pipeline
connections used in sanitary engineering. Stroi.pred.neft.prom.
1 no.8:11-13 0 '56. (MLRA 9:12)

(Solder and soldering) (Pipe fitting) (Induction heating)

Kislyuk, F. I.

AID P - 5602

Subject : USSR/Engineering

Card 1/2 Pub. 107-a - 2/12

Author : Kislyuk, F. I., Dr. of Tech. Sci.

Title : Study of effects of the length of welded pipe ends
on power factor in butt welding of large pipes.

Periodical : Svar. proizv., 12, 6-10, D 1956

Abstract : Describing the flash butt welding of large (325 to
529mm in diameter) pipes the author discusses the
mounting of ring-type transformers on the pipe ends
to be welded and analyses the effects of the length of
ends on the power factor of welding machines and trans-
formers. Nine formulae, 12 graphs, 3 drawings, 1 table;
4 Russian references (1933-55).

Institution : Electrowelding Institute im. Paton, All-Union Sci-
entific Research Institute for Building Petroleum
Enterprises (VNIISTROYNEFT'), Main Administration for

AID P - 5602

Svar. proizv., 12, 6-10, D 1956

Card 2/2 Pub. 107-a - 2/12

Mechanization of Petroleum Enterprises, (GLAVNEFTE-
STROYMEKHANIZATSIYA).

Submitted : No date

135-58-1-3/23

AUTHOR: Kislyuk, F.I., Doctor of Technical Sciences

TITLE: The Control of Seam Qualities in Main Pipe Lines Carried Out By Butt Contact Welding Under Field Conditions (Kontrol' kachestva shvov magistral'nykh truboprovodov, vypolnen-nykh stykovoy kontaktnoy svarkoy v polevykh usloviyakh)

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 1, pp 8 - 12 (USSR)

ABSTRACT: Contact butt welding under field conditions was first applied in 1952 for the construction of main large-diameter pipe lines (300 - 500 mm). This method proved satisfactory in laying pipe lines up to 300 km long under extreme climatic conditions in the east. The author states that the best fundamental control method for this process is sample testing by bending, which shows the plasticity of the metal in the seams and adjacent thermally affected zones. Pipe chains with a diameter of 325 mm, consisting of nine welded sections, were subjected to tests. Cold bending was carried out on the VNIISTroyneft bending machine, by the methods of pure bending. The pipe was bent through 15° and the welded joints showed no changes, proving the high strength of the seams. The author mentions another control device, designed by him at VNIISTroyneft: a bi-channel apparatus for the tele-registration of the contact welding

Card 1/2

135-58-1-3/23

The Control of Seam Qualities in Main Pipe Lines Carried Out By Butt Contact Welding Under Field Conditions

process parameters. This is an indirect method to control the welding process in each joint of a pipeline without destroying them. The device registers simultaneously on the same time scale the current intensity and the values of flashing off and shortening. The usual registration in ink was replaced by electric sparks recording on a plated band. A scheme of this apparatus is shown in Figure 8. There are 5 figures, 6 graphs, 1 diagram and 3 Soviet references.

ASSOCIATION: VNIISTroyneft'

AVAILABLE: Library of Congress

Card 2/2

1. Pipes-Seam welding results
2. Welding-Test methods
3. Welding-Test results

SOV-135-58-3-14/19

AUTHORS: Kislyuk, F.I., Doctor of Technical Sciences, Gorbanskiy, V.V.,
Engineer

TITLE: A New Machine for Spot Welding Parts of Receiver-Amplifier
Tubes (Novaya mashina dlya tochechnoy svarki detaley priyemno-
usilitel'nykh lamp)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 3, pp 39-42 (USSR)

ABSTRACT: The existing spot welding machines used in the production of
radio-tubes do not eliminate spatter of liquid metal. In-
vestigations were carried out on the expediency of gradually
increasing welding current pulse, or of two separate pre-
heating pulses without disconnecting the electrodes. Engineers
G.A. Bolkhovskaya, A.M. Kupfer and A.F. Khudyshev participated
in the work. Three machine circuits were tried: 1) machine
with increasing amplitude of the welding pulse (Figure 3) for
welding steel, platynite, nickel, etc; 2) a capacitor spot
welding machine (Figure 5); 3) a machine with a combined
thermal cycle (Figure 7), pre-heating on a.c. and with a
gradually growing amplitude. Information includes a description
of mechanisms for compressing the electrodes of spot welding
machines such as a mechanism with cylindrical spring (Figure 9)

Card 1/2

SOV-135-58-3-14/19

A New Machine for Spot Welding Parts of Receiver-Amplifier Tubes

and a mechanism with flat springs (Figure 10). On the basis of the experimental investigations performed, a new spot welding machine was developed having an electric circuit with pre-heating by a.c., welding by capacitor discharge and with a flat spring compressing mechanism. The machine (Figure 11), was tested for two years and proved to be satisfactory. It eliminates spatter.

There are 2 graphs, 3 circuit diagrams, 4 oscillograms, 2 diagrams, 1 photo and 1 table.

ASSOCIATION: NII Komiteta radiotekhniki Soveta ministrov SSSR (Scientific Research Institute of the Radio-Engineering Committee of the USSR Council of Ministers)

1. Electron tubes--Spot welding
2. Spot welding--Equipment

Card 2/2

SOV-135-58-10-9/19

AUTHORS:

Kislyuk, F.I., Doctor of Technical Sciences, Gorbanskiy,
V.V., and Khudyshev, A.F., Engineers

TITLE:

Precision Automatic Arc Welding in Hydrogen With Non-Fusing
Electrodes (Pretsizionnaya avtomaticheskaya dugovaya svarka
neplavyashchimsya elektrodom v srede vodoroda)

PERIODICAL:

Svarochnoye proizvodstvo, 1958, Nr 10, pp 26-29 (USSR)

ABSTRACT:

A new device for the precision welding of thin parts made
of heat resistant and other metals and alloys used in the
production of cathodes for electric-vacuum devices is de-
scribed. The welding is done in hydrogen, with a low pow-
er arc. Engineers V. Elabakidze, V. Rastopchina and A.
Kupfer participated in the work. The new device is described
in detail and the approximate technology for welding on
direct polarity of different parts according to their thick-
ness and nature of joints is given in a table. In welding
tungsten and molybdenum parts, micro-hardness of recrystal-
lized molybdenum attained 210 kg/mm² and in individual grains
as much as 320 kg/mm²; micro hardness of porous tungsten

Card 1/2

SOV-135-58-10-9/19

Precision Automatic Arc Welding in Hydrogen With Non-Fusing Electrodes

was equal to 175 kg/mm^2 in the seam center and 200 - 300 kg/mm^2 in the transition zone. There are 3 graphs, 4 photos, 1 table, 1 kinematic and 1 circuit diagram.

1. Tungsten--Welding 2. Molybdenum--Welding 3. Arc welding
--Applications 4. Hydrogen--Applications

Card 2/2

AL'TSHUL', A.D., kand.tekhn.nauk; KALITSUN, V.I., inzh.; KISLYUK, F.I.,
doktor tekhn.nauk; KAMERSHTEYN, A.G., kand.tekhn.nauk

Hydraulic resistance of pipeline joints made by resistance
butt welding on KTS-1 equipment. Stroi.truboprov. 4 no.1:7-
10 Ja '59. (MIRA 12:1)
(Pipelines--Welding) (Pipelines--Testing)

23324

S/095/60/000/001/001/002

A053/A129

1.2300 also 1573

AUTHORS: Kisluk, E. I. Doctor of Technical Sciences; Petrov, G. N., Sommerfel'd, V. N., Glozshsteyn, V. G., Engineers

TITLE: Two-channel device for verifying basic parameters of the condition of electric resistance butt-welding

PERIODICAL: Stroitel'stvo, truboprovodov, no. 1, 1960, 20 - 24

TEXT: On the existing KTCA (KTSA) welding installations the parameters of the welding condition are regulated by hand, and there is no guarantee that in mass production pipes are welded in accordance with a prearranged condition of most favorable parameters. The article describes a special two-channel device for automatic remote control of parameters of resistance welding, which permits all welded joints to be verified. On the basis of the recorded diagrams of the welding condition it is easy to determine at any time the nature of the changes in the parameters of the welding condition and their deviation from the prearranged program. From these diagrams and from the collected experimental data it is possible to evaluate the consequences of the deviations in regard to the quality of each welded joint. The two-channel device consists of an a-c ammeter and an

Card 1/4

23324

S/095/60/000/001/001/002

A053/A129

Two-channel device for verifying basic parameters ...

electric instrument measuring the mechanical shift. In the course of the welding it is easy to observe the recordings of the device by the deflections of the needles and the simultaneous inscriptions on a moving paper roll. The principal parts of the device are a Sel'syn pickup, a Sel'syn receiver, a measuring mechanism, a paper rolling and printing mechanisms. The movement of the pipe during welding is operated by remote control with the aid of the cophasal Sel'syn instruments providing for transformation of mechanical values into electric ones and vice versa. The Sel'syn pickup is mounted on the welding machine and senses all mechanical movements of the moving part of the machine together with those of the pipe, transforming them into electric values. The Sel'syn receiver mounted in the body of the device reproduces each shift of the Sel'syn pickup, transmitting it to the needle and the pen mounted on the shaft of the receiver. The general view of the two-channel device is shown in Figure 2. The welding current is registered by the ammeter. The movement of the paper takes place in accordance with a preselected speed and is operated by a synchronous single phase motor of the Warren type. A mechanism provides also for the imprint on the diagram of the serial number of the joint. The article describes the design of this mechanism and those of the feed of automatic paper and of the colored ribbon; it also gives a description of the electric system governing the two-channel device and the prin-

Card 2/4

23324

S/095/60/000/001/001/002

A053/A129

Two-channel device for verifying basic parameters ...

ciples of its operation. Thus, the device and the commutation system are automatically started at the commencement of welding; the device registers the power of the current, the shifts (at fusing and shrinking) during the entire welding process, it prints on the diagram the serial number of the joint and cuts out the device on completion of each joint. An alternative design provides for the substitution of metallized band in place of paper, in which case recording is done with the aid of a tungsten electrode. The two-channel device has successfully passed a number of laboratory and practical tests. The article shows and describes a number of characteristic diagrams indicating various defects in welding, which become clearly visible by the form of the diagram. The authors of the article conclude that the two-channel device guarantees automatic and distant control of the parameters of resistance welding by recording the basic parameters of the welding condition for each welded joint in the form of a diagram. From these recordings it is easy to ascertain low quality joints caused by gross neglect of the parameters of the welding condition. There is 1 photograph, 2 diagrams, 7 graphs and 1 table.

Card 3/ 4

Two-channel device for verifying basic parameters ...

23324
S/095/60/000/001/001/002
A053/A129

Figure 2:

General view of the two-channel device
1 - counter; 2 - mechanism for color-
ed ribbon feed; 3 - copying mechanism;
4 - driving mechanism for counter and
ribbon; 5 - needle with pen of ammeter;
6 - needle with pen of shift recorder;
7 - diagram paper

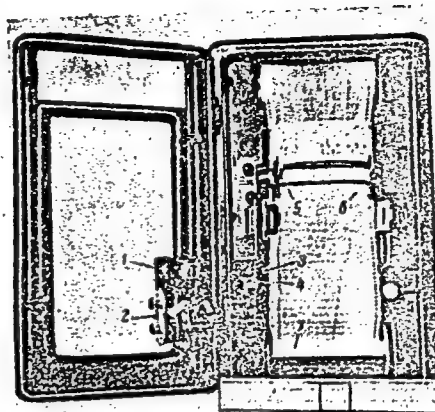


Рис. 2. Общий вид двухканального прибора.

Card 4/4

S/032/60/026/011/019/035
B015/B066

AUTHORS: Kislyuk, F. I., Lifshits, V. S., and Shmeleva, I. A.

TITLE: New Nondestructive Method of Determining the Quality of
Butt Welds ¹⁴

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 11,
pp. 1262-1263

TEXT: The known nondestructive test methods cannot be applied in the case of butt welds, since the material defects in the surface are very thin and the weld seam shows a considerable thickening. In the present case a nondestructive patented (Ref. 1) test method is described. In principle, it is based on the fact that a flawless weld seam of this kind will show a higher tensile strength than the metal itself because of its thickness. In the thicker seam less tensile strains will occur in the range of elasticity with equal modulus of elasticity of weld seam and metal the relative deformation in the seam will be less if it is flawless. By measuring the deformation on three cross sections, i.e., in the seam and

Card 1/2

New Nondestructive Method of Determining the
Quality of Butt Welds

S/032/60/026/011/019/035
B015/B066

at a certain distance from it, the weld seam quality may be valued after elongation in the range of elasticity. To check the method suggested the authors tested two types of tubing in this way: Diameter $D = 325$ mm, and thickness of the wall $d = 10$ mm, as well as $D = 58$ mm and $d = 4$ mm. The welding of the $D = 325$ mm specimens of Cr. 4 (St.4) steel was made by means of a sliding KTCA (KTSA) device, the tensile test on a horizontal machine with a maximum load of 3000 t. The latter type made of Cr. 3 (St.3) steel was tested on a machine with a maximum load of 100 t. The test results show that a tensile strain of the order of magnitude of $10 - 12$ kg/mm² is sufficient for the quality rating. There are 1 figure and 1 Soviet reference. ✓

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut po
stroitel'stvu magistral'nykh truboprovodov (All-Union
Scientific Research Institute for the Construction of Main
Pipelines)

Card 2/2

S/125/61/000/004/006/013
A161/A127

AUTHORS: Kislyuk, F. I., Pavlichenko, V. S. (Moscow)

TITLE: Investigating the possibility of ultrasonic flaw detection in circular welds on thin-wall pipelines produced by resistance welding

PERIODICAL: Avtomaticheskaya svarka, no. 4, 1961, 40 - 46

TEXT: Results are presented of an experimental investigation conducted on segments cut from butt joints in 325 x 8 and 508 x 9.5 mm steel pipes produced in field welding with mobile KTCA (KTSA) welders. Ultrasonic flaw detection has not yet been used in the USSR in field welding of pipelines. Reference is made to an extensive use of this inspection method abroad, for pipelines joined by arc welding [Ref. 5: A. G. Barkov, Pipeline Field Welding and Quality Control Methods, "Petroleum Engineer", v. 30, no. 5], and to experiments at TsNIITMASH with resistance-welded butt joints in pipes with 35 mm wall thickness [Ref. 1: A. S. Gel'man et al., "Zavodskaya laboratoriya", no. 5, 1954]. The subject experiments were carried out with a Y3A-7H (UZD-7N) flaw detector. A prismatic feeler with a 50° beam angle was chosen since it permits the detection of defects at 20 - 60 mm distance from the feeler edge. Feelers with 40° angle proved not suitable because of

Card 1/3

S/125/61/000/004/006/013
A161/A127

Investigating the possibility of ultrasonic flaw...

the protruding joint and detection of insignificant defects (1 - 2 mm²) not affecting the serviceability of the butt. The necessary acoustic contact between the feeler and the pipe surface was produced by a thin oil film. The flaws were located by the amplitude of pulses on the screen of an electron beam tube. "Siemens II" and Y3A-HMMH-5 (UZD-NIIM-5) ultrasonic flaw detectors were also used for comparison, and the UZD-NIIM-5 proved best suitable for field use. Its advantages over the other two flaw detectors are: 1) It operates on both a.c. and d.c. and low voltage (12 v); 2) In addition to the electron beam tube screen it has two more indicators (sound and light), which facilitates inspection; 3) Its electronic depth meter indicates the depth of flaws; 4) The absence of an initial pulse on the tube screen makes detection easier. Conclusions: 1) The preliminary experiments have proven that ultrasonic flaw detection is possible in principle for 8 - 10 mm thick welds produced by resistance flash welding. The presence of burrs and a reinforced seam cause difficulties, for signals reflected from the reinforcement may be understood as signals reflected from defects. 2) Cracks, craters, oxide flaws etc. are detected, but no defects of the kind producing no cavities (burns, premature crystallization), and then the ultrasonic detection data contradict the results of mechanical tests. 3) The entire joint can be sounded through with multiple reflec-

Card 2/3

Investigating the possibility of ultrasonic flaw...

S/125/61/000/004/006/013
A161/A127

tion of the pulse. 4) Studies have to be continued and the inspection device to be improved. [Abstracter's note: No description of the ultrasonic equipment is included]. There are 5 figures, 2 tables and 8 references: 7 Soviet-bloc and 1 non-Soviet-bloc. The one reference to an English-language publication reads as follows: A. G. Barkov, Pipeline Field Welding and Quality Control Methods, "Petroleum Engineer", v. 30, no. 5)

SUBMITTED: October 8, 1960

Card 3/3

KISLYUK, F.I.; SHMELEVA, I.A.; PETROV, G.N.

Effect of compounding on the characteristics of a synchronous generator in a movable electric station for resistance welding.
Autom. svar. 14 no.5:67-73 My '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu
magistral'nykh truboprofodov.
(Electric welding—Equipment and supplies)

KISLYUK, F.I., doktor tekhn.nauk; FEL'DMAN, V.S., inzh.

Investigating the spot welding of the hard alloy VK15 with the
E45N alloy. Svar. proizv. no.8:34-35 Ag '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskii institut ugol'nogo mashinostroyeniya.
(Electric welding) (Alloys--Welding)

KISLYUK, F.I., doktor tekhn.nauk; KHARASH, M.Ya., inzh.

Projection welding of steel parts of various thickness. Svar.proizv.
no.10:24-26 0 '64. (MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskoy
institut ugol'nogo mashinostroyeniya.

KISLYUK, F.I., doktor tekhn. nauk; PETROV, Yu.A., inzh.

Machine for double arc welding in carbon dioxide of belt elevator
buckets. Svar. proizv. no.6:33-34 Je '65. (MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektiro-tekhnologicheskoy institut ugol'nogo mashinostroyeniya.

L 11108-66 (N) EWT(m)/EWP(e)/EWP(v)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) ID/HM/H
 ACC NR: AP6002531 , SOURCE CODE: UR/0286/65/000/023/0036/0036

INVENTOR: Petrov, S. A.; Kaufman, M. S.; Kialyuk, F. I.; Zhuravlev, V. L.;
Krichevskiy, Z. A.; Aldyrev, D. A.; Kazintsev, N. V.; Tkachev, V. N. 27
 B

ORG: none

TITLE: Method of strengthening thin-sheet parts. Class 21, No. 176646. [an-
 nounced by the All-Union Scientific Research and Design Technological Institute
 of Coal Machine Building (Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhno-
 logicheskiy institut ugol'nogo mashinostroyeniya); Rostov Scientific Research
 Technological Machine Building Institute (Rostovskiy nauchno-issledovatel'skiy
 institut tekhnologii mashinostroyeniya)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 36

TOPIC TAGS: thin sheet part, part strengthening, part surfacing, thin sheet
 surfacing, wear resistant powder

ABSTRACT: This Author Certificate introduces a method of strengthening thin-
 sheet parts by surfacing with wear-resistant powder deposited with high-frequency
 current. To maintain a constant gap between the inductor and the surfaced part,
 ensure a small depth of penetration in the base metal, and to avoid burning
 through, the inductor is located below the surfaced part. (ND)

SUB CODE: 11/ SUBM DATE: 24Nov62/ ATD PRESS: 4/76
 Card 1/1 H(A) UDC: 621.791.927-415

KISLYUK, G.A.

Formation of motion habits in preschool children. Vop.
psikhol. 2 no.6:111-124 N-D '56.

(MERA 10:2)

1. Institut psikhologii Akademii pedagogicheskikh nauk,
Moskva.

(Child study) (Movement, Psychology of)

KISLYUK, I.M.

Increasing the heat resistance of young grain crops by hot and cold hardening. Bot. zhur. 47 no.5:713-715 M_g 1962. (MIRA 16:5)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.
(Plant, Effect of temperature on)
(Grain)

KISLYUK, I.M.; MASHANSKIY, V.F.

Ultramicroscopic structure of chloroplasts. Bot.zhur. 50
no.10:1384-1395 0 '65. (MIRA 18:12)

1. Botanicheskiy institut imeni Komarova AN SSSR i Institut
tsitologii AN SSSR, Leningrad.

KISLYUK, I.M.

Effect of light on the injury of leaves of *Cucumis sativa* L.
under low temperature. Dokl. AN SSSR 158 no.6:1434-1436 O '64.
(MIRA 17:12)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR. Predstavleno
akademikom N.M. Siakyanom.

KISLYUK, I.M.

Functional and structural changes in the cells of leaves of thermophilic plants under the influence of low above freezing point temperatures in light and in darkness. Biofizika 9 no.4:463-468 '64. (MIRA 18:3)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

KISLYUK, I. M.

"Morphological and function changes of chloroplasts after cooling of leaves of *Cucumis sativa* L."

UNESCO - International Symposium on the Role of Cell Reactions in Adaptations of Metazoa to Environmental Temperature.

Leningrad, USSR, 31 May - 5 June 1963

LIPKOV, I.A.; KISLYUK, I.V.; BRUSLAVSKAYA, V.I.; STOPACHINSKAYA, A.L.

Improved technology of imitation fur manufacture with the method
of knitted sliver pile. Nauch.-issl. trudy VNIITP no. 5:115-134
1964 (MIRA 19:1)

KISLYUK, I.V., kand. tekhn. nauk

Automatic loop transfer systems used in double-rib machines.

Leg.prom. 18 no.10:33-36 0 '58.

(MIRA 11:11)

(Knitting machines)

KISLYUK, I.V., starshiy nauchnyy sotrudnik, kand.tekhn.nauk; LIPKOV, I.A.,
starshiy nauchnyy sotrudnik, kand.tekhn.nauk

Relationship between the weight of the artificial fur pile and
sliver. Tekst.prom. 22 no.2:65-67 F '62. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut trikotazhnoy
promyshlennosti (VNIITP).
(Artificial fur) (Knitting machines)

MIRKIN, Moisey Samuylovich; SIMIN, Solomon Khononovich; LIPKOV, I.A.,
kand. tekhn. nauk, retsenzent; KISLYUK, I.V., kand. tekhn.
nauk, retsenzent; GABOVA, D.M., red.; TRISHINA, L.A., tekhn.
red.

[Circular knitting machines for knitted outerwear]Kruglo-
viazal'nye mashiny verkhnego trikotazha. Moskva, Rostekh-
izdat, 1962. 307 p. (MIRA 15:10)
(Knitting machines)

KISLYUK, I.V., kand.tekhn.nauk; LIPKOV, I.A.; FESHINA, M.P., inzh.

Manufacture of piece-knitted outer garments on circular
machines. Nauch.-issl.~~trudy~~ VNIITP no.2:61-98 '60.
(MIRA 16:2)

(Knit goods)
(Knitting machines)

1ST AND 2ND CODES		PROCESS AND PROPERTIES INDEX		3RD AND 4TH CODES	
<p>228-384. Roller Machine for Welding Stainless and Heat Resistant Steels and Alloys. (In Russian.) J. I. Kislyuk and E. M. Eskin. <i>Antogennoe Delo</i> (Welding), May 1949, p. 27-30. Machine is capable of welding objects up to 1.6 mm. thick.</p>					
<p>ASB-5LA - METALLURGICAL LITERATURE CLASSIFICATION</p>					
FROM STUDY		103000 HAT GMY GSE		BELLTONE	
103000 HAT GMY GSE		BELLTONE		103000 HAT GMY GSE	
103000 HAT GMY GSE		BELLTONE		103000 HAT GMY GSE	

KISLYUK, L.D.

Some binary codes with maximum weight combinations. Radiotekh. i
elektron. 8 no.12:1963-1971 D '63. (MIRA 16:12)

KISLYUK, M.M.

~~Derivation of soft wheat (Triticum vulgare) plants from branched~~

Derivation of soft wheat (*Triticum vulgare*) plants from branched
wheat of the turgidum species (*Tr. turgidum*). Bot. zhur. 39 no.4:
545-548 J1-Ag '54. (MLA 7:10)

1. Vsesoyuznyy Institut rastenievodstva VASKhNIL, Leningrad.
(Wheat)

KISLYUK, M. M.

Country : USSR
CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 86976

AUTHOR : Kislyuk, M. M.
INST. :

TITLE : Conditions of Undergoing the Stage of Vernalization of Winter Wheat as a Factor of Its Variation.

ORIG. PUB. : Tr. po prikl. botan., genet. i selektsii, 1957, 30, No 3, 35-46

ABSTRACT : For the purpose of obtaining highly winter-hardy winter wheat, by developing long-stage varieties, spring plantings were made of winter wheat Borovichskaya and Ina (Polish variety), using vernalized sprouts which had been subjected to the action of subfreezing temperatures at the end of the stage of vernalization. The work was initiated in 1940, interrupted during the war, and resumed in 1946. Behavior of individual lines of the varieties indicated changes in duration of vernalization stage. Behavior of lines of Ina variety revealed considerable differences in time of spike formation. In lines of local Borovichskaya variety the length of time between appearance of seedling plants and spike formation increased

CARD: 1/3

COUNTRY : USSR

M-4

CATEGORY :

ABS. JOUR. : RZBiol., No. 19, 1958, No. 86976

AUTHOR :

INST. :

TITLE :

ORIG. PUB. :

ABSTRACT : with decreasing duration of vernalization. In 4 lines out of 6 the application of subfreezing temperatures resulted in an increased duration of vernalization stage, under conditions of spring sowing. The most striking example of variability of vernalization stage duration was exhibited by line 248. On the basis of studies of variability of frost resistance and winter hardiness of experimental lines, by freezing under laboratory conditions and by determination of winter-survival in the fields, three line groups were differentiated: lines that developed spikes early and at the same time, equal to local Borovichskaya standard in duration of vernalization stage, frost

CARD: 2/3

ZARUBAYLO, T. Ya.; KISLYUK, M.M.; KOZHUSHKO, N.N.

Experimentally produced mutations in field crops (wheat, barley, oat) as affected by ionizing radiation. Genetika no. 6:
132-136 D '65 (MIRA 19:1)

KISLYUK, M. M.

"Changes of the species of wheat under the influence of temperatures
below zero on the germs."

reported at Conference on Problem of Heredity and Variability, held at
Institute of Genetics, AS USSR, 8-14 Oct 1957
Vestnik AN SSSR, 1958, Vol. 28, No. 1, pp.127-129 (author Kushner Kh. F.)

KISLYUK, M.M., kand. sel'skokhoz. nauk

Changes in oats under the influence of below-freezing temperatures.
Agrobiologiya no.4:512-518 Ji-Ag. '59. (MIRA 12:10)

1. Vsesoyuznyy institut rasteniyevodstva, g. Leningrad.
(Oats) (Plants, Effect of temperature on)

KISLYUK, M.M., kand.sel'skokhozyaystvennykh nauk

Variation of hulless oats under the effect of below freezing temperatures. Agrobiologiya no.1:66-72 Ja-F '62. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva, Leningrad.

(Oats--Frost resistance)

KISLYUK, M.M., kand. sel'skokhoz. nauk

Variability of the wheat *Tr. dicocc m*, *Tr. persicum*, and
Tr. timopheevi under the effect of low temperatures on
sprouts. *Agrobiologiya* no.5:779-781 S-O'63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut
rasteniyevodstva, Leningrad.

KISLYUK, M. Zh., Cand Tech Sci -- (diss) "Research into curved wave-guides with rectangular cross-section. (Determination of optimal dimensions)." Leningrad, 1960. 12 pp; (Ministry of Communications USSR, Leningrad Electrical Engineering Inst of Communications in Prof M. A. Bonch-Bruyevich); 200 copies; price not given; (KL, 26-60, 135)

22815

9,1300

S/044/61/000/002/013/015
C111/C222

AUTHOR: Kislyuk, M.Zh.

TITLE: Bent wave guide with a rectangular cross section

PERIODICAL: Referativnyy zhurnal, Matematika, no.2, 1961, 25, abstract 2V 180. ("Tr. Nauchno-tekhn. konferentsii Leningr. elektrotekhn. in-ta svyazi". Vyp.2. L., 1960, 55-66)

TEXT: The author investigates the structure of the electromagnetic field in the circular bendings of wave guides of a rectangular cross section. For the fields in the bent wave guide and for the coefficients of propagation and damping of the traveling and the local waves the author obtains analytic approximate expressions consisting of elementary functions and being applicable for practical calculations. The author considers circular bendings of rectangular wave guides incited by a wave of the type H_{10} of the straight wave guide in the planes (of the vectors) H and E . Here the field in the bent wave guide is represented as the sum of two cylindric waves of the type E and H . Series developments are used for the deduction of the calculation formulas for the solution of the wave equation for a bending of the wave guide in the planes H and E . An analysis of the obtained results is given. It is shown that the

Card 1/2

Bent wave guide with....

22815

S/044/61/000/002/013/015
C111/C222

deduced approximate formulas satisfy the conditions of orthogonality.
Graphical representations are added.

[Abstracter's note: Complete translation.]

4

Card 2/2

27377

S/194/61/000/003/043/046
D201/D306

9,1300

AUTHOR:

Kislyuk, M.Zh.

TITLE:

A rectangular bent waveguide

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 3, 1961, 40, abstract 3 I287 (Tr. Nauchno-tekhn.
Konferentsii Leningr. elektrotekhn. in-ta svyazi,
no. 2, L., 1960, 55-66)

TEXT: Theoretical expressions are obtained which determine the field configuration and the propagation factors β_n of waves in rectangular waveguides, bent in either H or E planes and excited by H_{10} mode of propagation. In the analysis, the wave equation is written in a cylindrical system of coordinates and its solution is sought as a sum of waves. Function W_n which describes the field configuration as a function of the bend radius and is the solution of the wave equation, represents a linear combination Bessel and Neumann functions while β_n is the solution of a transcendental

Card 1/2

21524

S/108/61/016/004/001/006
B116/B212

9.1300 (also 1130)

AUTHOR: Kislyuk, M. Zh.

TITLE: Curved waveguide having a rectangular cross section

PERIODICAL: Radiotekhnika, v. 16, no. 4, 1961, 3-10

TEXT: The structure of the electromagnetic field in circular curvatures of waveguides having a rectangular cross section has been studied. These curvatures are excited by the H_{10} wave of a straight waveguide. Approximate formulas are derived for fields in curved waveguides and for propagation factors. These formulas consist of elementary functions, and are useful for practical calculations. The field in curved guides is represented as the sum of the E and H waves. At first, the curvature in the H-plane (Fig. 1) is investigated. Here, an E-type field characterized by the potential function $\Pi(e)$ is excited. This function satisfies the wave equation in cylindrical coordinates

Card 1/9